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## ***HIV/AIDS***

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***Definition: Respondents ages 18-64 that did not report having been tested for HIV.***

### **Prevalence of Never Been Tested for HIV**

- South Dakota 74.5%
- There is no nationwide median for never been tested for HIV

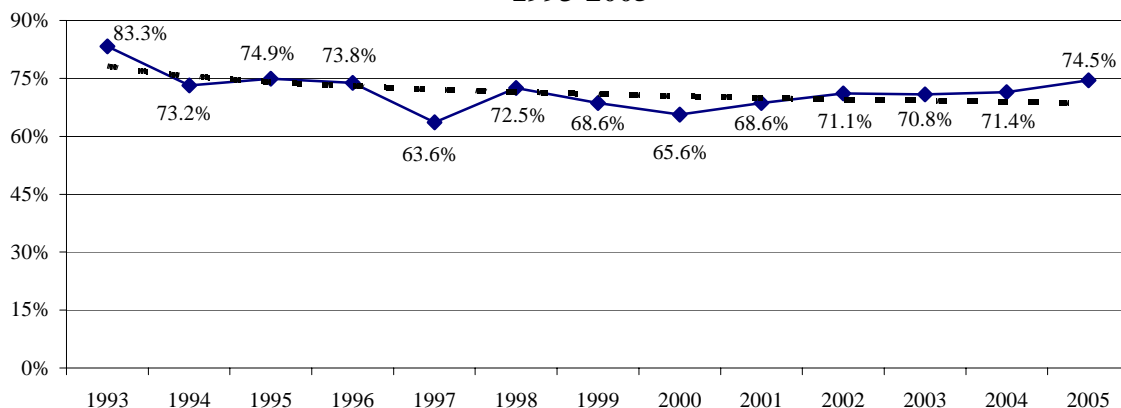
### **Healthy People 2010 Objective**

*There was no stated Healthy People 2010 Objective for never been tested for HIV.*

### **Trend Analysis**

Overall, since this question was first asked in 1993, the percent of respondents who have never been tested for HIV has been decreasing. However, since 2001 the percent of respondents who have never been tested for HIV has been holding steady up until 2005 when an increase to 74.5 percent occurred.

**Figure 72**  
**Percent of Respondents, Ages 18-64, Who Have Never Been Tested for HIV, 1993-2005**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993-2005

### **Demographics**

<b>Gender</b>	There is no significant gender difference in regard to having ever been tested for HIV. Males in the 18-24 age group exhibit a significantly higher prevalence of no HIV test than females of the same age.
<b>Age</b>	The prevalence of those not ever having an HIV test varies greatly by age. Those in the 25-34 age group demonstrate the lowest prevalence of no HIV test and this prevalence is significantly lower than those in the 18-24 age group. However, each age group after 25-34 exhibits a significant increase in the prevalence of those who have never had an HIV test.
<b>Race</b>	Whites exhibit a significantly higher prevalence of no HIV test than do American Indians.

<b>Region</b>	The northeast and central regions demonstrate a very high prevalence of no HIV test, while the west and American Indian counties regions show a very low prevalence. Also, males in the southeast region show a very low prevalence of no HIV test.
<b>Household Income</b>	The prevalence of no HIV test is much higher for those in the higher income groups. This includes a significant increase in the prevalence as the \$20,000-\$24,999 income group is reached.
<b>Education</b>	The prevalence of no HIV test does not seem to follow a pattern as education increases.
<b>Employment Status</b>	Those who are self-employed, a student, or retired demonstrate a very high prevalence of no HIV test, while those who are a homemaker or unable to work show a very low prevalence.
<b>Marital Status</b>	Those who are divorced or separated exhibit a significantly lower prevalence of no HIV test than all other categories of marital status.

**Table 94**  
**Respondents, Ages 18-64, Who Have Never Been Tested for HIV, 2005**

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>Total</b>	<b>4,652</b>	<b>74.5</b>	<b>(72.9-76.1)</b>	<b>2,032</b>	<b>75.7</b>	<b>(73.3-78.0)</b>	<b>2,620</b>	<b>73.3</b>	<b>(71.1-75.4)</b>
<b>Age</b>									
18-24	306	79.4	(73.9-83.9)	119	87.6	(79.7-92.8)	187	70.8	(63.0-77.6)
25-34	831	57.6	(53.5-61.6)	350	61.6	(55.3-67.6)	481	53.4	(48.2-58.4)
35-44	1,088	68.4	(65.1-71.5)	478	64.4	(59.2-69.2)	610	72.5	(68.4-76.3)
45-54	1,305	81.8	(79.2-84.1)	599	83.0	(79.2-86.2)	706	80.6	(76.9-83.9)
55-64	1,122	88.4	(86.1-90.4)	486	85.7	(81.9-88.9)	636	91.1	(88.4-93.3)
65-74	-	-	-	-	-	-	-	-	-
75+	-	-	-	-	-	-	-	-	-
<b>Race</b>									
White	4,094	76.4	(74.7-78.0)	1,801	77.4	(74.9-79.8)	2,293	75.4	(73.1-77.5)
American Indian	390	58.1	(51.0-64.9)	160	63.2	(51.9-73.2)	230	53.3	(44.6-61.7)
<b>Region</b>									
Southeast	1,074	74.4	(71.2-77.3)	469	76.0	(71.3-80.1)	605	72.6	(68.3-76.5)
Northeast	1,004	79.8	(76.8-82.6)	416	79.5	(74.8-83.5)	588	80.1	(76.1-83.6)
Central	896	82.4	(79.4-85.2)	419	84.5	(80.2-88.0)	477	80.2	(75.5-84.1)
West	1,155	67.4	(64.1-70.5)	496	68.4	(63.4-73.0)	659	66.3	(61.9-70.4)
American Indian Counties	523	68.4	(62.1-74.0)	232	72.7	(62.8-80.8)	291	63.5	(55.6-70.6)
<b>Household Income</b>									
Less than \$10,000	218	59.9	(51.1-68.2)	*	*	*	*	*	*
\$10,000-\$14,999	185	64.2	(53.1-74.0)	*	*	*	*	*	*
\$15,000-\$19,999	234	62.1	(53.6-69.8)	*	*	*	*	*	*
\$20,000-\$24,999	374	75.8	(69.9-80.8)	144	85.3	(77.7-90.6)	230	68.8	(60.6-75.9)
\$25,000-\$34,999	631	74.8	(69.7-79.3)	281	75.4	(67.7-81.7)	350	74.2	(67.3-80.1)
\$35,000-\$49,999	967	74.3	(70.7-77.6)	423	75.0	(69.4-79.8)	544	73.7	(68.9-78.0)
\$50,000-\$74,999	886	73.1	(69.5-76.5)	420	71.3	(65.8-76.3)	466	75.2	(70.4-79.5)
\$75,000+	758	76.8	(73.0-80.2)	395	78.1	(72.9-82.6)	363	74.8	(69.2-79.6)
<b>Education</b>									
8th Grade or Less	*	*	*	*	*	*	*	*	(57.5-95.6)
Some High School	234	75.4	(67.6-81.8)	113	82.3	(72.4-89.2)	121	66.1	(54.1-76.3)
High School or G.E.D.	1,325	78.9	(75.9-81.7)	646	80.2	(76.1-83.8)	679	77.4	(72.9-81.3)
Some Post-High School	1,461	72.3	(69.2-75.3)	587	72.8	(67.7-77.3)	874	72.0	(68.0-75.6)
College Graduate	1,567	72.7	(69.9-75.3)	645	72.9	(68.5-76.8)	922	72.5	(68.9-75.8)

<b>Table 94 (continued)</b> <b>Respondents, Ages 18-64, Who Have Never Been Tested for HIV, 2005</b>									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>Employment Status</b>									
Employed for Wages	3,035	74.7	(72.7-76.6)	1,278	75.0	(72.0-77.9)	1,757	74.4	(71.7-76.9)
Self-employed	697	76.6	(72.2-80.4)	456	78.8	(73.5-83.3)	241	72.0	(64.0-78.7)
Unemployed	153	70.4	(58.7-79.9)	*	*	*	*	*	*
Homemaker	229	69.4	(61.4-76.3)	*	*	*	*	*	*
Student	123	78.0	(69.1-84.9)	*	*	*	*	*	*
Retired	189	84.0	(77.6-88.8)	*	*	*	*	*	*
Unable to Work	224	61.5	(53.3-69.0)	*	*	*	*	*	*
<b>Marital Status</b>									
Married/Unmarried Couple	3,044	74.4	(72.5-76.3)	1,328	74.4	(71.6-77.1)	1,716	74.5	(71.8-76.9)
Divorced/Separated	732	62.3	(57.8-66.6)	309	67.9	(61.1-73.9)	423	57.7	(51.6-63.5)
Widowed	154	84.4	(76.2-90.2)	*	*	*	*	*	*
Never Married	718	79.5	(75.1-83.2)	363	82.1	(76.0-87.0)	355	75.6	(69.4-80.9)

Note: \*Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2005

### **Further Analysis**

Following are data illustrating the percent of those who have never been tested for HIV for various health behaviors and conditions. For example, 76.8 percent of respondents who stated they are not a military veteran have never been tested for HIV, while 58.9 percent of respondents who stated they are a military veteran have never been tested for HIV.

<b>Table 95</b> <b>Never Been Tested for HIV for Selected Health Behaviors and Conditions, 2005</b>			
Health Behavior or Condition	# Respondents	% Never Been Tested for HIV	95% CI
Fair or Poor Health Status	497	67.6	62.2-72.6
Excellent, Very Good, or Good Health Status	4,152	75.2	73.4-76.8
Physical Health Not Good for 30 days of the past 30	245	69.4	62.0-75.9
Physical Health Not Good for 0-29 days of the past 30	4,388	74.7	73.0-76.3
Mental Health Not Good for 20-30 days of the past 30	279	60.0	52.4-67.1
Mental Health Not Good for 0-19 days of the past 30	4,351	75.4	73.7-77.0
Usual Activities Unattainable for 10-30 Days of the Past 30	263	63.1	55.5-70.0
Usual Activities Unattainable for 0-9 Days of the Past 30	4,373	75.1	73.4-76.7
Dissatisfied / Very Dissatisfied with Life	196	62.2	52.7-70.8
Satisfied / Very Satisfied with Life	4,413	75.2	73.5-76.8
Obese (BMI = 30.0+)	1,300	77.2	74.1-79.9
Overweight (BMI = 25.0-29.9)	1,640	73.2	70.4-75.8
Recommended Weight (BMI = 18.5-24.9)	1,492	73.7	70.8-76.5
Underweight (BMI < 18.5)	*	*	*
No Leisure Time Physical Activity	1,032	72.6	68.9-76.0
Leisure Time Physical Activity	3,620	75.0	73.1-76.8
No Moderate Physical Activity	2,312	75.4	73.1-77.5
Moderate Physical Activity	2,221	73.0	70.5-75.3
No Vigorous Physical Activity	3,518	75.4	73.5-77.2
Vigorous Physical Activity	1,081	72.0	68.4-75.3
Less Than Five Servings of Fruits and Vegetables	3,748	74.7	72.9-76.5
At Least Five Servings of Fruits and Vegetables	904	73.6	70.0-77.0
Not Heard of "Healthy South Dakota" Program	3,143	74.9	72.9-76.8
Heard of "Healthy South Dakota" Program	1,401	74.4	71.4-77.2

**Table 95 (continued)**  
**Never Been Tested for HIV for Selected Health Behaviors and Conditions, 2005**

<b>Health Behavior or Condition</b>	<b># Respondents</b>	<b>% Never Been Tested for HIV</b>	<b>95% CI</b>
Current Smoker	1,065	66.3	62.4-70.0
Former Smoker	1,108	71.4	67.9-74.6
Never Smoked	2,470	79.1	77.0-81.0
Smokeless Tobacco Use	308	72.1	64.7-78.4
No Smokeless Tobacco Use	4,290	74.9	73.2-76.5
Drank Alcohol in Past 30 Days	2,805	74.8	72.7-76.8
No Alcohol in Past 30 Days	1,838	73.9	71.2-76.5
Binge Drinker	825	73.6	69.6-77.3
Not a Binge Drinker	3,776	74.6	72.7-76.3
Heavy Drinker	201	75.8	65.8-83.6
Not a Heavy Drinker	4,383	74.3	72.6-75.9
Hypertension	1,045	76.5	73.1-79.6
No Hypertension	3,607	74.1	72.2-75.9
High Blood Cholesterol	1,110	76.2	73.0-79.2
No High Blood Cholesterol	2,378	71.7	69.4-74.0
Not Taking any Precautions Against West Nile Virus	1,251	77.5	74.2-80.5
Taking Precautions Against West Nile Virus	3,327	73.6	71.7-75.5
No Health Insurance (18-64)	410	74.7	68.8-79.9
Health Insurance (18-64)	4,155	74.4	72.6-76.0
Employer Based Health Insurance Coverage (18-64)	2,728	76.8	74.8-78.7
Private Health Insurance Plan (18-64)	630	83.7	79.7-87.0
Medicare (18-64)	143	70.2	60.3-78.5
Medicaid or Medical Assistance (18-64)	173	47.1	36.1-58.4
The Military, CHAMPUS, TriCare, or the VA (18-64)	205	46.6	37.4-56.0
The Indian Health Service (18-64)	225	65.7	56.2-74.1
No Flu Shot (65+)	-	-	-
Flu Shot (65+)	-	-	-
No Pneumonia Shot (65+)	-	-	-
Pneumonia Shot (65+)	-	-	-
Diabetes	270	78.1	71.3-83.7
No Diabetes	4,382	74.4	72.7-76.0
Current Asthma	336	68.5	61.7-74.6
Former Asthma	136	63.0	52.3-72.5
Never Had Asthma	4,160	75.5	73.7-77.1
Previously Had a Heart Attack	120	73.9	62.8-82.7
Never Had a Heart Attack	4,516	74.5	72.8-76.1
Have Angina or Coronary Heart Disease	127	71.1	60.5-79.8
Do Not Have Angina or Coronary Heart Disease	4,501	74.6	72.9-76.2
Previously Had a Stroke	*	*	*
Never Had a Stroke	4,581	74.5	72.8-76.1
Arthritis	1,220	71.7	68.4-74.7
No Arthritis	3,412	75.4	73.5-77.2
Arthritis - Activities Limited	582	68.6	63.7-73.2
No Arthritis - Activities Limited	4,052	75.3	73.5-77.0
Physical, Mental, or Emotional Disability	824	68.2	64.0-72.1
No Physical, Mental, or Emotional Disability	3,824	75.7	73.9-77.4
Disability with Special Equipment Needed	181	69.4	59.5-77.8
No Disability with Special Equipment Needed	4,471	74.7	73.0-76.3
Two or More Hours of TV Watched per Day	3,142	76.0	74.1-77.9
Less Than Two Hours of TV Watched per Day	1,422	71.8	68.7-74.7

<b>Table 95 (continued)</b> <b>Never Been Tested for HIV for Selected Health Behaviors and Conditions, 2005</b>			
<b>Health Behavior or Condition</b>	<b># Respondents</b>	<b>% Never Been Tested for HIV</b>	<b>95% CI</b>
Military Veteran	599	58.9	53.8-63.7
Not a Military Veteran	4,051	76.8	75.1-78.5

Note: \*Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2005